

CERTIFICATE

Issued to:

Applicant:

Helvar Components Oy Ab
Yrittäjätie 23
03600 Karkkila, Finland

Licensee:

Helvar Components Oy Ab
Yrittäjätie 23
03600 Karkkila, Finland

Product : Independent/built-in LED driver
Trade name(s) : Helvar Components
Type(s)/model(s) : LC43MN22-CC-300-1050 and LC43MN22-DA-300-1050

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 4351636

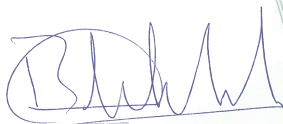
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 14 May 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-157928 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Kate Xu
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent/built-in LED driver
Trade name(s)	: Helvar Components
Type(s)/model(s)	: LC43MN22-CC-300-1050 and LC43MN22-DA-300-1050
Rated voltage	: 220-240 V
Rated frequency	: 50/60 Hz
Class	: class II
Degree of protection	: IP20
Ta	: 45 °C
Tc	: 90 °C
Additional information	: Rated emergency range 198-254 Vdc, built-in control gear without cable clamps, independent control gear with cable clamps, constant current output, non-inherently short circuit proof, class II, EL mark. 110 °C thermal protection

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

The test results are documented in DEKRA test file 493574400.

Additional information

This certificate replaces certificate No. 35-157928 which we hereby declare invalid.

The list of components is laid down in test report 4935744.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Trade name(s) : Helvar Components stands for



Model list:

Model	PIN1	PIN2	PIN1	PIN2	Irated (A)	Prated (W)	Urated (Vdc)	Max. Uout (Vdc)	In (A)	Power factor	Dimming
LC43MN22-CC-300-1050	OFF	OFF	OFF	OFF	0,3	Max. 42	2,5-52	Max. 60	0,25	0,3C-0,95	Yes
	ON	OFF	OFF	OFF	0,35						
	OFF	ON	OFF	OFF	0,4						
	ON	ON	OFF	OFF	0,45						
	OFF	OFF	ON	OFF	0,5						
	ON	OFF	ON	OFF	0,55						
	OFF	ON	ON	OFF	0,6						
	ON	ON	ON	OFF	0,65						
	OFF	OFF	OFF	ON	0,7						
	ON	OFF	OFF	ON	0,75						
	OFF	ON	OFF	ON	0,8						
	ON	ON	OFF	ON	0,85		2,5-49				
	OFF	OFF	ON	ON	0,9		2,5-46				
	ON	OFF	ON	ON	0,95		2,5-44				
	OFF	ON	ON	ON	1,0		2,5-42				
	ON	ON	ON	ON	1,05		2,5-40				
LC43MN22-CC-300-1050	OFF	OFF	OFF	OFF	0,3	Max. 42	9-49	Max. 60	0,25	0,3C-0,95	NO
	ON	OFF	OFF	OFF	0,35						
	OFF	ON	OFF	OFF	0,4						
	ON	ON	OFF	OFF	0,45						
	OFF	OFF	ON	OFF	0,5						
	ON	OFF	ON	OFF	0,55						
	OFF	ON	ON	OFF	0,6						
	ON	ON	ON	OFF	0,65						
	OFF	OFF	OFF	ON	0,7						
	ON	OFF	OFF	ON	0,75						
	OFF	ON	OFF	ON	0,8						
	ON	ON	OFF	ON	0,85						
	OFF	OFF	ON	ON	0,9		9-46				
	ON	OFF	ON	ON	0,95		9-44				
	OFF	ON	ON	ON	1,0		9-42				
	ON	ON	ON	ON	1,05		9-40				